

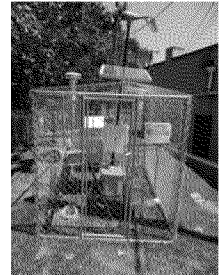


RIVER MILE 10.9 REMOVAL ACTION PERIMETER AIR MONITORING PROGRAM WEEKLY REPORT

Summary of perimeter air monitoring for the week ending September 29, 2013

Dredging operations, which began on August 3, 2013, are being continuously monitored to ensure that air quality is maintained at acceptable levels. To monitor air quality, a number of sampling locations have been established as shown on the map below.

Operations were conducted within acceptable air monitoring limits.



Real-Time Air Monitoring Data

Air Monitoring Station	Daily Averages For Week Ending September 29							
	Air Indicator Criteria	Mon.	Tues.	Wed.	Thu.	Fri.	Sat.	Sun.
PMS #1 (Park)								
VOCs (ppm)	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H ₂ S* (ppm)**	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dust (ug/m ³)	450	1	2	3	6	4	5	8
PMS #2 North (Park)								
VOCs (ppm)	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
H ₂ S* (ppm)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dust (ug/m ³)	450	1	2	2	3	0	0	0
Mobile #1 (Park)								
VOCs (ppm)	10	0.0	0.1	0.0	0.0	0.0	0.0	0.0
H ₂ S* (ppm)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dust (ug/m ³)	450	2	5	9	0	0	6	0
IRS #1 (River)								
VOCs (ppm)	10	0.1	0.1	0.3	0.2	0.1	0.1	0.2
H ₂ S* (ppm)	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Dust (ug/m ³)	450	1	2	3	5	4	5	7

* Odor indicator, criterion not associated with elevated health risk

** This hydrogen sulfide monitor is located adjacent to the weather station.

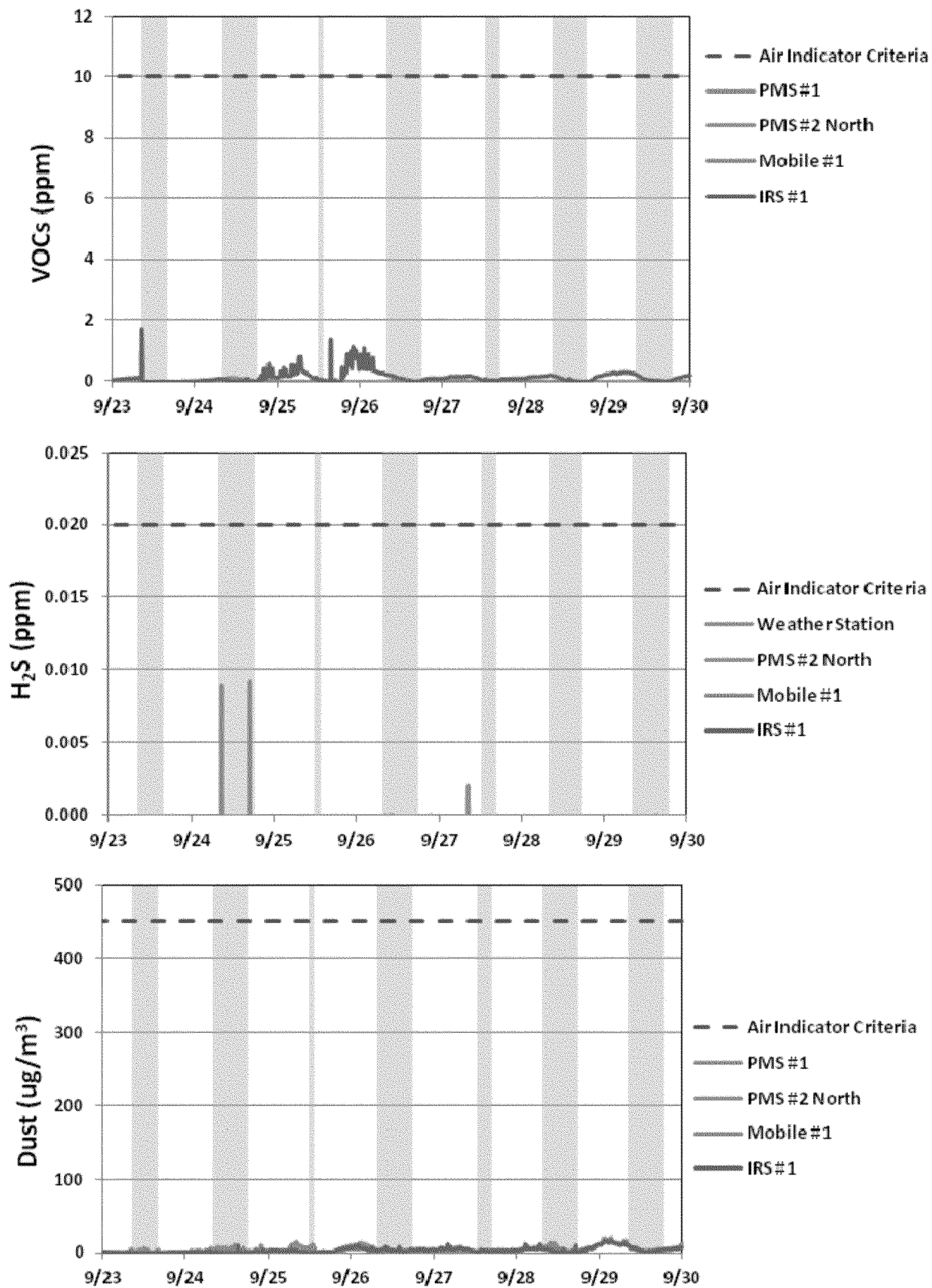
Key: H₂S = hydrogen sulfide; NS = not sampled; VOC = volatile organic compound

Units: ppm = parts per million; ug/m³ = micrograms per cubic meter

* Odor indicator, criterion not associated with elevated health risk

Real-Time Air Monitoring

(Times in which there was dredging activity are shown in yellow)



24-Hour Composite Air Monitoring: No Exceedances of Air Indicator Criteria

Station ID	Sample Start Date	Chemical	Air Concentration (ug/m ³)	Air Indicator Criteria (ug/m ³)	Exceedance of Air Indicator Criteria
PMS #1	9/19/2013	PCB	1.5E-03	0.11	no
PMS #1	9/20/2013	TCDD	3.7E-09	2.4E-05	no
PMS #2 North	9/20/2013	TCDD	ND	2.4E-05	no
Mobile #1	9/20/2013	TCDD	ND	2.4E-05	no
IRS #1	9/20/2013	TCDD	2.9E-08	2.4E-05	no

Note: Table Presents Preliminary Unvalidated Data

Key: PCB = Polychlorinated biphenyl

TCDD = 2,3,7,8-Tetrachlorodibenzo-p-Dioxin

ug/m³ = microgram per cubic meter

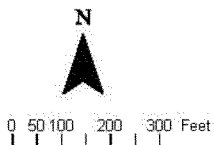
ND = Not Detected above the following sample quantitation limits (ug/m³):

TCDD - 2.0E-10

PCB - 8.6E-04

Mercury - 4.2E-04

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Notes:
1. Orthophoto: NJGIS, 2007

Perimeter Air Monitoring Stations
RM 10.9 Removal Action Air Monitoring Plan
Lower Passaic River Study Area, New Jersey